SEQUENCE LISTING

<110> Klonowski, Paul
Allard, John
Heller, Renu
Van Wart, Harold

<120> Human Aggrecanase and Nucleic Acid Compositions Encoding the Same

<130> ROCH-002

<150> 60/133,343
<151> 1999-05-10

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<170> FastSEQ for Windows Version 4.0

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Gln Gln Leu Asp Leu Glu Leu Arg Pro Asp Ser Ser Phe Leu Ala Pro
65                  70                  75                  80
Gly Phe Thr Leu Gln Asn Val Gly Arg Lys Ser Gly Ser Glu Thr Pro
                85                  90                  95
Leu Pro Glu Thr Asp Leu Ala His Cys Phe Tyr Ser Gly Thr Val Asn
            100                 105                 110
Gly Asp Pro Ser Ser Ala Ala Ala Leu Ser Leu Cys Glu Gly Val Arg
        115                 120                 125
Gly Ala Phe Tyr Leu Leu Gly Glu Ala Tyr Phe Ile Gln Pro Leu Pro
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Ala Ala Ser Glu Arg Leu Ala Thr Ala Ala Pro Gly Glu Lys Pro Pro
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Ala Pro Leu Gln Phe His Leu Leu Arg Arg Asn Arg Gln Gly Asp Val
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Gly Gly Thr Cys Gly Val Val Asp Asp Glu Pro Arg Pro Thr Gly Lys
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Ala Glu Thr Glu Asp Glu Asp Glu Gly Thr Glu Gly Glu Asp Glu Gly
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Thr Gly Thr Gly Ser Ile Arg Lys Lys Arg Phe Val Ser Ser His Arg
225                 230                 235                 240
Tyr Val Glu Thr Met Leu Val Ala Asp Gln Ser Met Ala Glu Phe His
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Gly Ser Gly Leu Lys His Tyr Leu Leu Thr Leu Phe Ser Val Ala Ala
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Arg Leu Tyr Lys His Pro Ser Ile Arg Asn Ser Val Ser Leu Val Val
        275                 280                 285
Val Lys Ile Leu Val Ile His Asp Glu Gln Lys Gly Pro Glu Val Thr
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Ser Asn Ala Ala Leu Thr Leu Arg Asn Phe Cys Asn Trp Gln Lys Gln
305                 310                 315                 320
His Asn Pro Pro Ser Asp Arg Asp Ala Glu His Tyr Asp Thr Ala Ile
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Leu Phe Thr Arg Gln Asp Leu Cys Gly Ser Gln Thr Cys Asp Thr Leu
            340                 345                 350
Gly Met Ala Asp Val Gly Thr Val Cys Asp Pro Ser Arg Ser Cys Ser
        355                 360                 365
Val Ile Glu Asp Asp Gly Leu Gln Ala Ala Phe Thr Thr Ala His Glu
    370                 375                 380
Leu Gly His Val Phe Asn Met Pro His Asp Asp Ala Lys Gln Cys Ala
385                 390                 395                 400
Ser Leu Asn Gly Val Asn Gln Asp Ser His Met Met Ala Ser Met Leu
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Ser Asn Leu Asp His Ser Gln Pro Trp Ser Pro Cys Ser Ala Tyr Met
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Asp Ala Asn Arg Gln Cys Gln Phe Thr Phe Gly Glu Asp Ser Lys His
465                 470                 475                 480
Cys Pro Asp Ala Ala Ser Thr Cys Ser Thr Leu Trp Cys Thr Gly Thr
                485                 490                 495
Ser Gly Gly Val Leu Val Cys Gln Thr Lys His Phe Pro Trp Ala Asp
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Gly Thr Ser Cys Gly Glu Gly Lys Trp Cys Ile Asn Gly Lys Cys Val
        515                 520                 525
Asn Lys Thr His Arg Lys His Phe Asp Thr Pro Phe His Gly Ser Trp
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Gly Met Trp Gly Pro Trp Gly Asp Cys Ser Arg Thr Cys Gly Gly Gly
545                 550                 555                 560
Val Gln Tyr Thr Met Arg Glu Cys Asp Asn Pro Val Pro Lys Asn Gly
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Gly Lys Tyr Cys Glu Gly Lys Arg Val Arg Tyr Arg Ser Cys Asn Leu
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Glu Asp Cys Pro Asp Asn Asn Gly Lys Thr Phe Arg Glu Glu Gln Cys
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Glu Ala His Asn Glu Phe Ser Lys Ala Ser Phe Gly Ser Gly Pro Ala
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Val Glu Trp Ile Pro Lys Tyr Ala Gly Val Ser Pro Lys Asp Arg Cys
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Lys Leu Ile Cys Gln Ala Lys Gly Ile Gly Tyr Phe Phe Val Leu Gln
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Pro Lys Val Val Asp Gly Thr Pro Cys Ser Pro Asp Ser Thr Ser Val
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Cys Val Gln Gly Gln Cys Val Lys Ala Gly Cys Asp Arg Ile Ile Asp
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Ser Lys Lys Lys Phe Asp Lys Cys Gly Val Cys Gly Gly Asn Gly Ser
    690                 695                 700
Thr Cys Lys Lys Ile Ser Gly Ser Val Thr Ser Ala Lys Pro Gly Tyr
705                 710                 715                 720
His Asp Ile Ile Thr Ile Pro Thr Gly Ala Thr Asn Ile Glu Val Lys
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Gln Arg Asn Gln Arg Gly Ser Arg Asn Asn Gly Ser Phe Leu Ala Ile
            740                 745                 750
Lys Ala Ala Asp Gly Thr Tyr Ile Leu Asn Gly Asp Tyr Thr Leu Ser
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Thr Leu Glu Gln Asp Ile Met Tyr Lys Gly Val Val Leu Arg Tyr Ser
    770                 775                 780
Gly Ser Ser Ala Ala Leu Glu Arg Ile Arg Ser Phe Ser Pro Leu Lys
785                 790                 795                 800
Glu Pro Leu Thr Ile Gln Val Leu Thr Val Gly Asn Ala Leu Arg Pro
                805                 810                 815
Lys Ile Lys Tyr Thr Tyr Phe Val Lys Lys Lys Lys Glu Ser Phe Asn
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Ala Ser Thr Arg Pro Cys Ala Asp His Pro Cys Pro Gln Trp Gln Leu
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Gly Glu Trp Ser Ser Cys Ser Lys Thr Cys Gly Lys Gly Tyr Lys Lys
            900                 905                 910
Arg Ser Leu Lys Cys Leu Ser His Asp Gly Gly Val Leu Ser His Glu
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Ser Cys Asp Pro Leu Lys Lys Pro Lys His Phe Ile Asp Phe Cys Thr
    930                 935                 940
Met Ala Glu Cys Ser
945
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